

U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO				<i>Information Disclosure Statement by Applicant</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<i>Complete if Known</i>	
(use as many sheets as necessary)				Application Number	(To be assigned)
				Filing Date	October 29, 2003
				First Named Inventor	J. Claude Caci
				Art Unit	(To be assigned)
				Examiner Name	(To be assigned)
				Attorney Docket Number	T3497-908524
Sheet	1	of	3		

## **U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
JDE	US- 5,432,841			07-11-1995	Rimer	
JDE	US- 5,701,328			12-23-1997	Schuchman et al.	
JDC	US- 5,758,288			05-26-1998	Dunn et al.	
JDC	US- 5,767,788			06-16-1998	Ness	
JDE	US- 5,815,814			09-29-1998	Dennison et al.	
JDE	US- 5,873,040			02-16-1999	Dunn et al.	
JDC	US- 5,945,919			08-31-1999	Trask	
JDC	US- 6,026,304			02-15-2000	Hilsenrath et al.	
JDE	US- 6,031,490			02-29-2000	Forssen et al.	
JDE	US- 6,083,248			07-04-2000	Thompson	
JDE	US- 6,084,547			07-04-2000	Sanderford et al.	
JDU	US- 6,112,095			08-29-2000	Wax et al.	
JDC	US- 6,141,558			10-31-2000	Chen	
JDE	US- 6,236,365	B1		05-22-2001	LeBlanc et al.	
JDC	US- 6,240,365	B1		05-29-2001	Bunn	
JDE	US- 6,249,252	B1		06-19-2001	Dupray	
JDE	US- 6,288,676	B1		09-11-2001	Maloney	
JDE	US- 6,329,904	B1		12-11-2001	Lamb	
JDE	US- 5,631,642			05-20-1997	Brockelsby et al.	
JPC	US- 6,421,009	B2		07-16-2002	Suprunov	

## **FOREIGN PATENT DOCUMENTS**

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	(To be assigned)
Sheet	2	of	3	Filing Date	October 29, 2003
				First Named Inventor	J. Claude Caci
				Art Unit	(To be assigned)
				Examiner Name	(To be assigned)
				Attorney Docket Number	T3497-908524

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

**Examiner  
Signature**

Date  
Considered

07-28-05

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

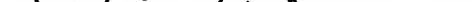
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	(To be assigned)
(use as many sheets as necessary)				Filing Date	October 29, 2003
				First Named Inventor	J. Claude Caci
				Art Unit	(To be assigned)
				Examiner Name	(To be assigned)
				Attorney Docket Number	T3497-908524
Sheet	3	of	3		

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>JDE</i>		Ian LACY et al., "Will Location-based Services Be the Next Golden Child?", Location, Location, Location, Kellogg TechVenture 2001 - Location Based Services, April 15, 2001	
<i>JDE</i>		"EMS Communications Policy Manual"; Montgomery County, Pennsylvania, Department of Public Safety, Division of Emergency Medical Services, Montgomery County EMS Communications Manual, September 2002.	
<i>JDE</i>		"Aircraft Rescue and Firefighting Communications", Advisory Circular, U.S. Department of Transportation, Federal Aviation Administration, July 1, 1999.	
<i>JDE</i>		Tomi SARVANKO, "Positioning Standards E911, E112 and UMTS"	

Examiner Signature  Date Considered 07-28-05

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. If both boxes are checked, only one initial is required.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.